Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No ..... (For Other Works) Date.....2017

Division: **BBMP / YNK** Sub-Division: **Yelahanka Sub – Division.**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 002-17-000052**

Schedule Docket No. Head of Account: Est.Cost: **13.00** Lakhs B.R.No. :

Name of Work : Providing drinking water works in ward no-02 in yelahanka sub division

Name of Contractor and Full Address: **Technical Manager (West) KRIDL, BBMP, Bangalore.**

Reference to Agreement No. EE/YNK.D/ **W.O/ 89 /2017-18.** Date: 30-6-2017.

Certified that the measurements were taken by me on 25/10/17.....and recorded of Pages 465140 **to** **465150** measurement Book No. **4652** and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Certified that the measurement were taken by me on 24/7/17.....and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP YNK)
Yelahanka, Bangalore

II Memorandum of Payment **Sub-Division Officer**

1)	Total value of work done or supplies made as per account within		
2)	Deduct amount to be held in reserve being .....percent Rs.....		
3)	" Balance		
4)	Deduct Payment:		
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of		
	b) Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.		
5)	Balance being unpaid value of work done held in reserve.		
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7)	Net amount due to or from Contractor unadjustments items.		
8)	Advance to Contractor for materials brought to site (as detailed) within.		
9)	Value of Government materials supplied.		
	Total amount adjusted -		

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

(For use in the Office)

Witness
1.
2.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Stamp

Dated Signature of Contractor
Paid by me by Cheque No..... Dated
Cash Rs.....
Dated.....

Initials of Officer making payment

Executive Engineer

sl no	Description of work	Uni
1	Geophysical investigations of site for sinking borewell for supplying drinking waster to the habitation either through the hand pump, MWS or PWSS by vertical electrical sounding by adopting verner or schlumbergers method. Including rerconnaissance survey of geological formation. Geeophysical investigation of existing ground water in the vicinity , nits quality, quantity and acceptabilkity7 of the users indicating the locations of site, recommended depth of casing pipe rerquired to seal the top unconsolidated formaation for proper depth of 1 meter in consolidating formation for proper seating of casing piupe depth of drilling required to cover dull deth of aquuifer proposed to be trapped propable yield and other information requirred including transportation of instrument and accessories to the work site, engaging technical personal and labour requirred (P-47. Item No.9.4)PRED SR 2012-13	No
2	Sinking of borewell of 165mm dia clear, using super fast hydralic rig of capacity 250 PSIG & above 900 CMF & above all strata including over burden up to 20m fixing of casing pipe, collars and capo with necessary cutting and threadimg including transportation of rig and swupporting vehicle, crew charges and copst of consumables etc., complete including yield testing at the final depth with a minimum working of comprressor for one hour (excluding cost of casing pipe, collers,cap) P-47. Item No.9.1)PRED SR 2012-13	Rmt
	0.00 to 50.00 mtrs	
	50.00 to 100.00 mtrs	
	100.00 to 150.00 mtrs	
	150.00 to 200.00 mtrs	
	200.00 to 250.00 mtrs	
	250.00 to 300 mtrs	
	300.00 to 350 mtrs	
3	Supply of ISI mark 175mm nominal bore plain end steel casing pipe grade of steel feet410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendment electric resistance welded tube material and confirming to IS 1387/1993 and manufactured by basic open harth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming to IS 4270:2001 and the other wnd with screwed pipes. All pipes shall be reasonally free from defects. the tubes shall be reasonably straight should be with ISI marking weighing 25.10 kg/mtr (inclusive of all taxes duties) price include coller-medium duty) P-III. Item No.84)	Rmtr
4	Providing 250mm dia PVC pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work	Rmtr
5	Providing and Supplying 175 mm dia MS cap (as per PREC SR 2012-13) etc complete as per specification	each
6	Supply and delivery at site band new texmo/ innoval/ Lubi/Sabar/Atalanta/Calamal/make suitable for vertical installation in 150mm dia borewell comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (wet type) squirrel cage sumersible induction motor sutable for operation of 3HP. 50 380/440 vilts AC supply fitted with reuired aqccessories such as suction , casing suction strainers sand guard Non return value etc., complete the pump and motor shall from an integral unit with all te required fittings 10.00 HP 20 stage SE RDED Approved Rate 2015-16 Slno. 23 7.5 HP / 20 stage	No's
7	Supplying of ISI marked galvazized mild steel tube (Continously Weled electric resistance welded (ERW) high frequency inductic	Rmtr
8	Supplying and drawing 3 crore flat PVC submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 to IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts.)P.No.49/ It.No.29c(1) 2.5sqm of 36 strands 0.3mm dia group-A KPWD Electrical SR 2014-15	Rmtr
9	Erection of pump sets including alighning and balancing with all necessary erection of materials and labour including supply and erection of one pair of supporting clamps.one bporewell cap , cable clips. with bolts nuts valves guages,etc..,involved in the job (as per approved rate KUWS & DB for the year 2008-09)	No's
10	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., **P No. 44 / I No. 6.6.6 KPWD Electrical SR 2014-15**	Each
11	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanised steel wire/steel tape armored cable with PVC outer sheathing 101 KV class 4 crore 16 sqmm(P.W.D Electrical SR)	Rmt
12	Labour charges for laying of 1.1 KV class UG cable d (P.W.D Electrical Sr P-68, 1-11a)	Rmt
13	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) **P No. 61 / I. No. 7.9.3 KPWD Electrical SR 2014-15**	Mtr
14	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV **P. No. 62 / I No. 7.12.1 KPWD Electrical SR 2014-15**	Mtr

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	1	1994.92	1994.92	1.00	1994.92	
–	–			0.00	0.00	0.00	
–	–	50.00	315.18	15759.00	50.00	15759.00	
–	–	50.00	412.00	20600.00	50.00	20600.00	
–	–	85.00	458.35	38959.75	85.00	38959.75	
–	–	100.00	484.10	48410.00	100.00	48410.00	
–	–	100.00	560.32	56032.00	100.00	56032.00	
–	–	100.00	600.49	60049.00	100.00	60049.00	
–	–	75.00	640.66	48049.50	75.00	48049.50	
–	–	80.00	1325.00	106000.00	80.00	106000.00	
–	–	30.00	1100.00	33000.00	30.00	33000.00	
–	–	1.00	100.00	100.00	1.00	100.00	
–	–	1.00	73800.00	73800.00	1.00	73800.00	
–	–	570.00	544.32	310262.40	570.00	310262.40	
–	–	1180.00	188.70	222666.00	1180.00	222666.00	
–	–	2	3000.00	6000.00	2.00	6000.00	
–	–	2	302.00	604.00	2.00	604.00	
–	–	60.00	150.00	9000.00	60.00	9000.00	
–	–	60.00	10.80	648.00	60.00	648.00	
–	–	50.00	85.00	4250.00	50.00	4250.00	
–	–	8.00	345.00	2760.00	8.00	2760.00	

Asst. Executive Engineer
Sub Divison

sl no	Description of work	Uni
15	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., **P. No. 62 / I.No. 7.13.2 KPWD Electrical SR 2014-15**	No.
16	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, **(P No. 55, I No. 7.1) KPWD Electrical SR 2014-15**	No
17	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.**P No. 44 / I No. 6.7.2 KPWD Electrical SR 2014-15**	No.
18	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved mak	Nos
19	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of mat	Nos
20	Supplying and fixing of 50mm dai GI X Nipple with ISI mark with all lead and lift loading unloading and labour charges etc., complete	No's
21	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift as per direction of Engineer incharge of the work .	No
22	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications	No
23	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete **P.No. 49, I. No. 6.40.2 KPWD Electrical SR 2014-15**	Sq.Cm
24	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. **12.5HP to 15 HP Star Delta Starter SERDED Rate**	No.
25	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2016-17	Cum
26	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc.	Rmtr
27	Refilling available earth around pipelines, cables in layers not exceeding 20cms in depth compacting each deposited layers by ra	Cum
28	KSRB 13.6.3.1 Providing and fixing in position brass gate valve with CI wheel of approved quality (screwed end) 50 mm nominal bore including cost of all materials labour and HOM of equipments with all leads complete as per specifications,	Rmtr
		TOTAL

Certificates:

1 The above work is done satisfactorily and complete in all respect.
2 There is no department Material issue for the above work.
3 This works comes under BBMP Limit.

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	2.00	280.00	560.00	2.00	560.00	
–	–	2	2727.00	5454.00	2.00	5454.00	
–	–	2	180.00	360.00	2.00	360.00	
–	–	2	1609.20	3218.40	2.00	3218.40	
–	–	2	232.20	464.40	2.00	464.40	
–	–	8	104.30	834.40	8.00	834.40	
–	–	2	350.00	700.00	2.00	700.00	
–	–	2	1547.00	3094.00	2.00	3094.00	
–	–	43200.00	0.33	14256.00	43200.00	14256.00	
–	–	1	11000.00	11000.00	1.00	11000.00	
–	–	104.13	305.64	31826.29	104.13	31826.29	
–	–	180.00	169.56	30520.80	180.00	30520.80	
–	–	104.13	82.08	8546.99	104.13	8546.99	
–	–	5.00	2216.16	11080.80	5.00	11080.80	
				1181212		**1181212**	
		9% KRIDL charges		**106309**		**106309**	
			Total	**1287521**		**1287521**	

25/11/17

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore